

Explorer 3 w/o GPS antenna – Multifunction chartplotter

Multifunction chartplotter. The Explorer 3 is yet another improvement of the most reliable and affordable controller in the world.

Product Description

Explorer3 is the smallest chartplotter in Black Box version capable to be connected to a wide range of monitor, with 3 different display resolutions: 640x480 (VGA) or 800x600 (SVGA) or 1024x768 (XGA); this multifunction chartplotter (cartographical plotter, fishfinder, radar, wind data) with up-to XGA resolution, is ideal for installations where space is a plus and can be mounted indoors or outdoors and the ceiling or on the board; the compact Explorer3 provides high performances without sacrificing any functionality on.

It is the perfect mate for the professional fishermen or high-tech dashboard.

It features a new 400Mhz microprocessor capable to manage the 5 I/O port and the optional equipment like Black Box Fishfinder, Radar Antenna, AIS receiver, Autopilot, DSC VHF.

It is the fastest responsive chartplotter in the marketplace, completely waterproof (IP67), and can be flush mount or bracket mounted.

Explorer3 can be transformed into a radar when connected to one of the Seiwa radar scanners.

Explorer3 features a powerful and user friendly state-of-the-art software, now updated with outstanding graphics and cutting edge functions such as free downloadable weather overlays and forecasts, 3D perspective view, HD photos, tidal heights and currents as well as the Guardian Alarm which checks your route for potential grounding issues.

If Explorer3 is combined with SEIWA Black Box Fish Finder (50/200Khz, 100W), you can choose from a full screen sounder display or split screen sounder/chart plotter, and can be coupled with various kinds of plastic stern thru hull transducers, or in hull transducers, or bronze thru hull transducers: the unit works with Xid AIRMAR transducers.

Soft Keys are available to guarantee maximum efficiency and easiness of use, which change function depending upon the current display with an easy key label prompted on the screen.

Explorer3 Series is compatible with DSC and AIS equipments and is equipped with WAAS/EGNOS/MSAS GPS active antenna (not included).

The units are compatible with C-MAP by Jeppesen cartography, using C-Card cartridges.

Summary of Features

- Worldwide Built-in Cartography showing detail up to 2.0 NM
- C-MAP by Jeppesen MAX charts compatible
- Object-oriented chart system with enhanced functionality including:
 - Guardian alarm, Safety Status Bar, Safe Route Checking
 - Perspective View
 - Satellite Image Coverage (on worldwide background)
 - Turbo and Smooth Zoom
 - Multilanguage
 - Enhanced Port Information database
 - Tides & Currents data
 - Photos & Diagrams
 - Automatic Information on all chart objects and User Points
 - Find function for Ports Services, Ports By Name, Ports By Distance, Tide Stations, Wrecks, Obstructions, Lakes Information
- 10,000 User Points: Waypoints/Marks
- 10,000 Track Points
- 5 Tracks

- 50 Routes
- User Points Icons 16
- Create, Move, Insert, Edit, Delete, Send, Receive Waypoint
- Create, Move, Edit, Delete, Send, Receive Mark/Event
- Navigation to Goto
- Create, Save, Name, Edit, Delete, Send, Receive or Follow a Route
- Route Data Report and User Points (Marks/Waypoints) List pages
- Display vessel's position, direction and Track
- Man OverBoard (MOB) to navigate back to a missing person or object
- Weather Service capability
- Range & Bearing function
- Simulation Mode with cursor control

Functions

- BBFF compatible
- Radar compatible
- AIS compatible
- DSC compatible
- WAAS/EGNOS/MSAS compatible
- MOB (Man Over Board)
- Time to Destination
- Distance to Destination
- Selectable track color
- Compass Calibration
- Navigation Info
- Automatic Info on cartographic objects
- Simulation Mode

Key pages

- Positional information from GPS
- Depth Graph Page (Split & Full)
- Navigation Data page
- 3D Road page
- GPS Status page
- Wind Data page
- Gauges page
- DSC Log and DSC Directory pages
- AIS Report List page
- Fish Finder Page
- Radar Page
- User Points List Page

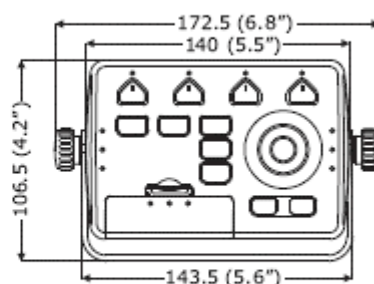
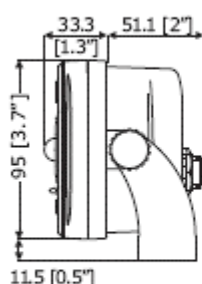
Alarms Handling

- Auto Off
- Arrival Alarm
- XTE Alarm
- Anchor Alarm
- Depth Alarm
- HDOP Alarm
- Heading Alarm
- Grounding Alarm
- Grounding Depth Limit Alarm
- Grounding Alarm Range
- External Alarm

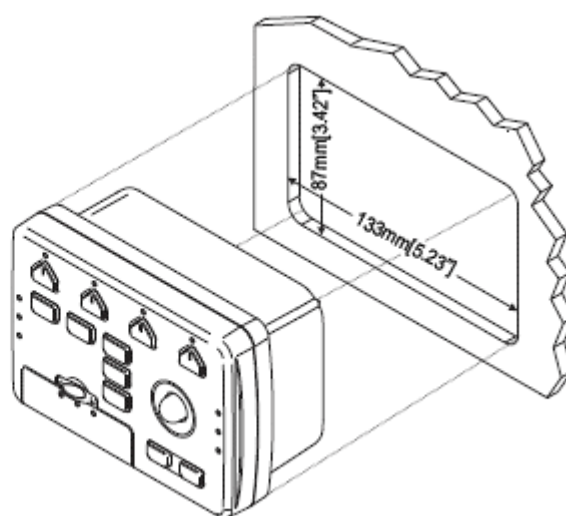
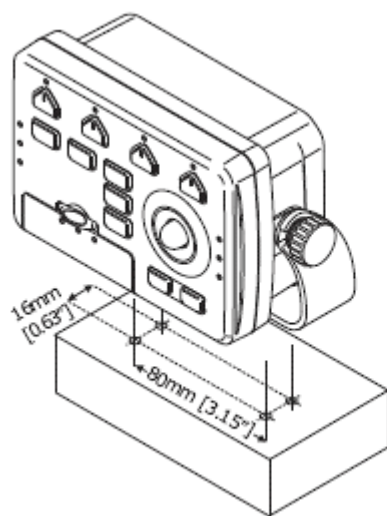
Technical specifications

- Microprocessor: ARM9 S4C2410 Samsung 400 MHZ
- Type: Black Box Multifunction Chartplotter
- Resolution: 640x480/800x600/1024x768
- Power consumption: 0.6A @ 12Vdc
- Supply Voltage: 10-35 Vdc
- Cartridge slots: 2 x C-Card
- GPS Antenna (not included): external with cable
- Operating temperature: 0-55 °C
- Nmea inputs/outputs: 5 x NMEA 0183
- Connectors:
 - 1x Supply and data cable: 8 pins, 2 nmea ports + external alarm
 - 1x Aux data cable: 8 pins, 3 nmea ports + external alarm
 - 1x GPS cable: 6 pins
 - 1x Video Output: 1 VGA

DIMENSIONS



INSTALLATION AND REMOVING



The box contains:

- #1 Explorer 3 (P2DC5110SW);
- #2 Fuse holder + fuse (K0FUSHV002);
- #2 Power I/O cables, 1,5mt (CBC0FS0804);
- #1 Video Out adaptor cable (CHMS0700SE);
- #1 Aux gps cable 6pin, 1,0 mt (CBC0FS0603);
- #3 Cap for Aux I/O - GPS connectors (CAP-WABMMLA1);
- #3 Cap for Supply/aux/gps cables (CAP-WABCFLB1);
- #1 Bracket kit: metal bracket, washer, 2 knobs (K10DC4004A);
- #1 User Manual (English language);

Explorer 3 with GPS antenna – Multifunction chartplotter

SPECIAL BUNDLE: multifunction chartplotter Explorer 3 with GPS antenna 12 channels WAAS/EGNOS/MSAS.

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 - Automatic Information on all chart objects and User Points
 - Find function for Ports Services, Ports By Name, Ports By Distance, Tide Stations, Wrecks, Obstructions, Lakes Information
- 10,000 User Points: Waypoints/Marks
- Dynamic handling of User Points & Routes (the number of Routes and Waypoints per Route is dynamic, for example 10,000 Routes with 1 Waypoint each or 1 Route with 10,000 Waypoints).
- 10,000 Track Points

- Tracks 10.000
- 50 Routes
- User Points Icons 16
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- Create, Move, Edit, Delete, Send, Receive Mark/Event
- Navigation to Goto
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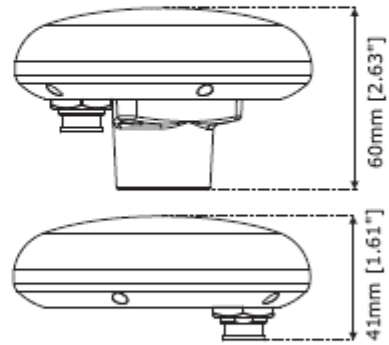
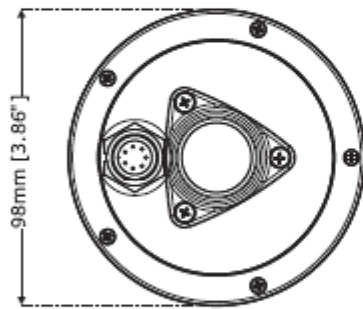
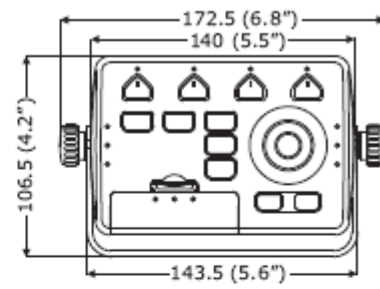
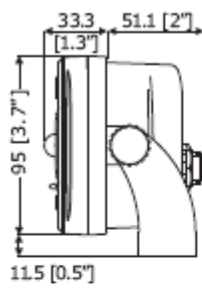
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- Operating temperature: 0-55 °C
- Connectors:
 - In/Out NMEA ports: 5 x Nmea 0183
 - Video Output: 1 VGA/SVGA/XGA
 - GPS connector: 6 pin
 - Power In/Out: 8 pin

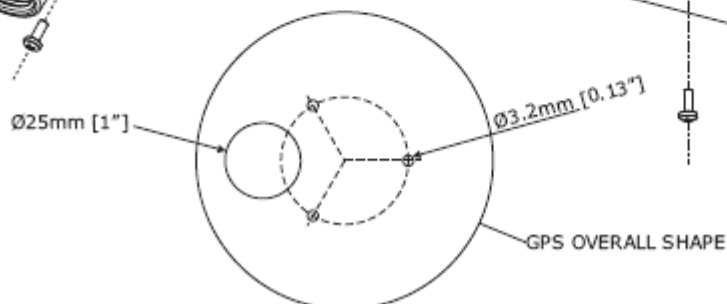
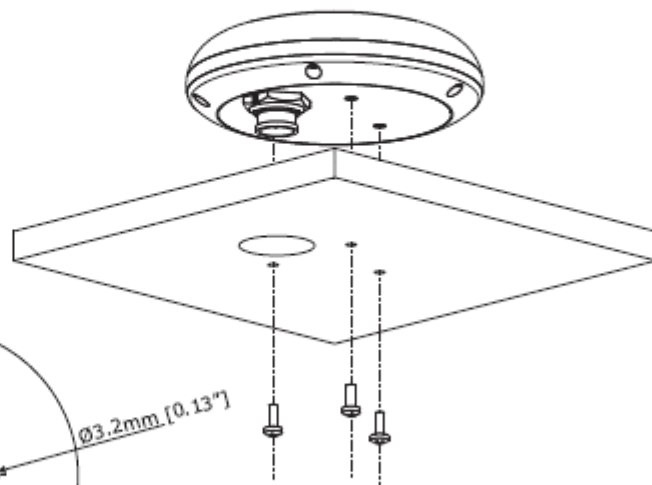
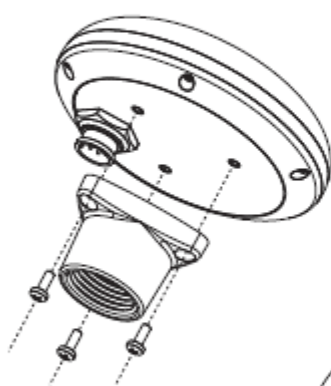
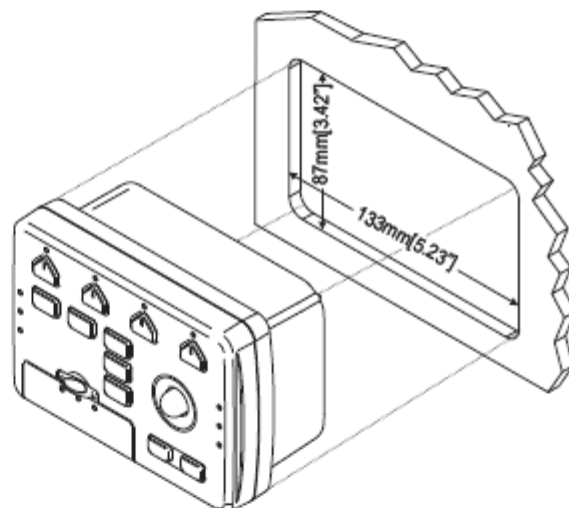
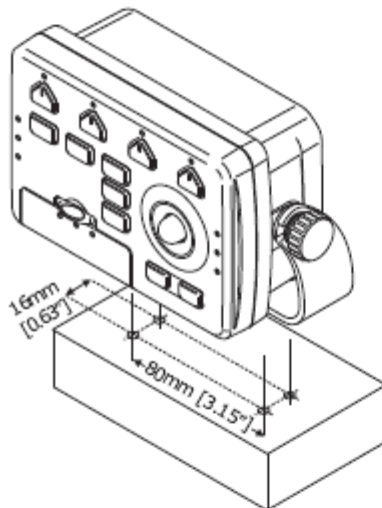
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- #1 Video Out cable with adaptors (CHMS0700SE);
- #3 Cap for Aux I/O - GPS connectors (CAP-WABMMLA1);
- #1 Bracket kit: metal bracket, washer, 2 knobs (K10DC4004A);
- #1 User Manual (English language);
- #1 GPS antenna (UX0GSU42SE);
- #1 cable, 10 mt (CBCCFS0801);

DIMENSIONS



INSTALLATION AND REMOVING



Installing GPS Antenna